

Medical, A2SC

December 21, 1972

Halogenated Methyl Naphthalenes

R. H. Munch - T1B
F. G. Benignus - B2SC
~~C. Paton - B2SC~~
W. R. Richard - T3A

J. F. Herber
T3C

H 2184

As you are aware, chlorinated naphthalenes can produce a dermatitic condition known as chloracne, in addition to signs of systemic toxicity. I can find no specific reference to whether or not halogenated methyl naphthalenes also would produce chloracne.

In a discussion on chlorinated oils, Patty (Ind. Hyg. & Toxicol. vol. II, rev. ed., 1962) makes brief reference to 2 types of cutting oils, including one type which "has chlorine combined in complex organic structure". He concludes his comments by saying "Dermatitis from chlorinated oils also occurs."

On the basis of the preceding remarks, and due to the structural relationship between naphthalene and methyl naphthalene, we have to assume that a halogenated methyl naphthalene will produce chloracne. We would be kidding ourselves if we reached any other conclusion.

George J. Levinskas

/bks

1/6/73
Will photo copy what
they have today and
send it over.
P.H.C.

DSW 219828

STLCOPCB4053334